

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 82-62

NPDES NO. CA0037575

REVISED WASTE DISCHARGE REQUIREMENTS FOR:

NAPA SANITATION DISTRICT,
AMERICAN CANYON COUNTY WATER DISTRICT
AND NAPA-AMERICAN CANYON WASTEWATER
MANAGEMENT AUTHORITY

The California Regional Water Quality Control Board, San Francisco Bay Region (hereinafter Board), finds that:

1. The Board, on June 20, 1978, adopted Order No. 78-46 (NPDES Permit No. CA0037575) prescribing waste discharge requirements and compliance time schedules for the Napa Sanitation District, American Canyon County Water District, and the Napa-American Canyon Wastewater Management Authority (hereinafter collectively referred to as dischargers).
2. The Board, on November 21, 1978, adopted Order No. 78-98, an amendment to Order No. 78-46, prescribing a revised time schedule for the dischargers' compliance with the Basin Plan's prohibition against discharges that do not receive an initial dilution of at least 10:1 at all times.
3. The dischargers' current NPDES Permit expires on June 1, 1983. The dischargers are currently studying the feasibility of requesting an exception to the Basin Plan's 10:1 initial dilution requirement where all wastewater is ultimately reclaimed during dry weather months. The dischargers currently reclaim a portion of the dry weather flow on lands of the Napa Airport and plan to reclaim additional flows on a recently acquired 300 acre ranch adjacent to the treatment plant.
4. The current advanced treatment effluent limitations for interim discharge to the Napa River for all months of the year include the following:

<u>Constituents</u>	<u>Units</u>	<u>30-day Average</u>	<u>7-day Average</u>	<u>Maximum Daily</u>	<u>Other</u>
BOD	mg/l	5	7.5	10	-
Suspended Matter	mg/l	15	22.5	30	-
Total Coliform	MPN/100ml	-	-	-	2.2, 7-day median

5. Although the dischargers are presently meeting the effluent limitations contained in Finding 4 at all times, they have requested that advanced treatment limitations remain in effect only during the dry weather months of the year whenever the wastewater is not reclaimed. The dischargers propose to meet Federal Secondary limitations during the

wet weather months of the year. The dischargers report that this revision to wet weather effluent limitations will result in substantial cost savings which can be applied to the District's plans to ultimately reclaim beneficially all dry weather flows.

6. Based upon a review of water quality data for the Napa River, and the Board's previous actions with respect to regulation of other municipal discharges to the Napa River, the Board finds that beneficial uses will not be significantly impaired if the effluent limitations for the wet weather months are relaxed to conform to Federal Secondary standards.
7. As this project is an NPDES Permit revision, this Board, pursuant to Water Code Section 13389, is not required to comply with the provisions of Chapter 3 of Division 13 of the Public Resources Code (California Environmental Quality Act).
8. The Board has notified the dischargers and interested persons and agencies of its intent to prescribe revised waste discharge requirements for the Napa Sanitation District, American Canyon County Water District, and Napa-American Canyon Wastewater Management Authority.
9. The Board, in a public meeting, heard and considered all comments pertaining to this discharge.

IT IS HEREBY ORDERED THAT:

- A. Paragraph A., item 1. and item 2. page 3, of this Board's Order No. 78-46, are amended to read as follows:

"A. Effluent Limitations

1. The discharge of an effluent containing constituents in excess of the following limits is prohibited during the interval May 1 through October 31:

<u>Constituents</u>	<u>Units</u>	<u>30-day Average</u>	<u>7-day Average</u>	<u>Maximum Daily</u>	<u>Instantaneous Maximum</u>
a. Settleable Matter	ml/l/hr	0.1	-	-	0.2
b. BOD	mg/l	5	7.5	10	-
c. Suspended Solids	mg/l	15	22.5	30	-
d. Grease and Oil	mg/l	10	-	20	-
e. Chlorine Residual	mg/l	-	-	-	0.0
f. Turbidity	JTU	-	-	-	10

2. The discharge of an effluent containing constituents in excess of the following limits is prohibited during the interval November 1 through April 30:

<u>Constituents</u>	<u>Units</u>	<u>30-day Average</u>	<u>7-day Average</u>	<u>Maximum Daily</u>	<u>Instantaneous Maximum</u>
a. Settleable Matter	ml/l-hr	0.1	-	-	0.2
b. BOD	mg/l	30	45	60	-
c. Suspended Solids	mg/l	30	45	60	-
d. Grease and Oil	mg/l	10	-	20	-
e. Chlorine Residual	mg/l	-	-	-	0.0"

B. Paragraph A., item 9., page 5, of this Board's Order No. 78-46, is amended to read as follows:

"9. The waste as discharged, or at some point in the treatment process, shall meet the following limits of bacteriological quality:

a. For the interval May 1 through October 31:

The total coliform bacteria for a median of 7 consecutive samples shall meet a most probable number (MPN) of 2.2 per 100 milliliters.

b. For the interval November 1 through April 30:

The total coliform bacteria for a median of 5 consecutive sample shall meet a most probable number (MPN) of 240 per 100 milliliters."

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on November 17, 1982.

FRED H. DIERKER
Executive Officer

by ROGER B. JAMES
Assistant Executive Officer